

## Product datasheet for **MR206697L4V**

### **Dnmt3l (NM\_019448) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Dnmt3l (NM_019448) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dnmt3l
Synonyms:	D6Ertd14; D6Ertd14e; ecat; ecat7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019448
ORF Size:	1266 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206697).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_019448.2</a> , <a href="#">NP_062321.1</a>
RefSeq Size:	1685 bp
RefSeq ORF:	1266 bp
Locus ID:	54427
UniProt ID:	<a href="#">Q9CWR8</a>
Cytogenetics:	10 39.72 cM



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**Gene Summary:**

CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a nuclear protein that is a catalytically inactive regulatory factor of DNA methyltransferases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]